

TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION

WIN-1592

Effective Date: May 1, 2012

Reevaluation Date: **May 2015**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code and the Texas Engineering Practice Act.

Wood Ultimate Glider Windows, Non-impact Resistant, manufactured by

Marvin Windows and Doors

P.O. Box 100

Highway 11 West

Warroad, Minnesota 56763-0100

Telephone: (218) 386-4021

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Wood Ultimate Glider Windows; (XO; OX)	HS-LC50 71.5 x 60.06 LC-PG50 71.5 x 60.06	± 50 psf
2	Wood Ultimate Glider Windows; (XO; OX)	HS-LC40 71.5 x 72.06; LC-PG40 71.5 x 72.06	± 40 psf
3	Wood Ultimate Glider Windows; (XOX)	HS-LC35 119.5 x 72.06; LC-PG35 119.5 x 72.06	± 35 psf

Product Dimensions:

System	Overall Size	Operating Panel Size	Fixed Panel Size
1	71.5" x 70.06"	35.25" x 56.25"	35.25" x 56.25"
2	71.5" x 72.06"	35.25" x 68.25"	35.25" x 68.25"
3	119.5" x 72.06"	Two: 29.5" x 68.25"	62.0" x 68.25"

Product Identification (Certification Agency Label on Window):

System		
1-3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Marvin Windows and Doors
	Product Name	Wood Horizontal Slider
	Test Standards	AAMA/WDMA 101/I.S.2/A440-05; AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

Installation:

Systems 1-2: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be secured to the wall framing utilizing the brickmould of the window with minimum 3" long x 0.120" smooth shank nails. The fasteners shall be located approximately 6 inches from each corner and spaced approximately 10 inches on center along the perimeter of the window. In addition, the window frame shall be secured to the wall framing with minimum No. 8 x 3" screws. Along the side jambs, the fasteners shall be placed 6 inches from each corner and one (1) at the mid span. Along the head and the sill, one (1) fastener shall be located at the mid span. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

System 3: The wood wall framing members shall be minimum Spruce-Pine-Fir dimension lumber. The windows shall be secured to the wall framing utilizing the nailing fin of the window with minimum 3" long x 0.120" smooth shank nails. The fasteners shall be spaced located approximately 6 inches from each corner and spaced approximately 10 inches on center along the perimeter of the window. In addition, the window frame shall be secured to the wall framing with minimum No. 8 x 3" screws. Along the side jambs, the fasteners shall be placed 6 inches from each corner and one (1) at the mid span. Along the head and the sill, two (2) fasteners shall be required, one (1) located at each of the meeting stiles. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC) and the International Building Code (IBC) and the Texas Revisions.